

Patent Claims

1. Eccentric screw-type pump (10) comprising a helical rotor (36) that rotates in a helical stator chamber as well as a driving shaft (16) that connects said rotor (36) to a drive system (12),
characterized in
5 that said driving shaft (16) is connected to a drive system (12) or a gear set (14) via a detachable connection and, after release of the connection, is exchangeable as spare element together with said rotor (36), said stator (38), said seal (18) and possibly one part of the pump casing (26).
- 10 2. Eccentric screw-type pump according to Claim 1,
characterized in
that said stator is connected both fixedly to a first part of said pump casing (26) and detachably, by means of a quick-action clamping device (32), to the second part of said pump casing.
- 15 3. Eccentric screw-type pump according to Claim 1,
characterized in
that said gear set (14) comprises a hollow shaft relative to which said driving shaft (16) for said rotor (36) is fixed by means of a screw (30).